

ABSTRACT OF THE DISCLOSURE

Arrangement and method of building vehicle pneumatic tires. The arrangement has a first production line including a carcass building drum device, a shaping drum device, and a moveable core-centering and carcass-carrying device arranged between the carcass building drum device and the shaping drum device. The moveable core-centering and carcass-carrying device is adapted to receive a carcass from the carcass building drum device and to transfer the carcass to the shaping drum device. A second production line includes a movable belt building drum device adapted to build a belt package with at least one belt layer. The movable belt building drum device is adapted to move across the first production line and between the carcass building drum device and the shaping drum device. This Abstract is not intended to define the invention disclosed in the specification, nor intended to limit the scope of the invention in any way.